# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L4 | 43 | (264/497,113,40.6.ccls. 425/174.4,375,143,135,162.ccls.) and ((calculat$6 or control$4 or monitor$5 or alter or altering or alteration or chang$4) same (radiation or energy or output or temperature) same (fuse or fused or fusing) same (powder) same layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/15 09:48 |
| L6 | 49 | (264/497,113,40.6.ccls. 425/174.4,375,143,135,162.ccls.) and ((calculat$6 or control$4 or monitor$5 or alter or altering or alteration or chang$4) same (heat$4) same (melt$4) same (powder) same layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/15 10:03 |
| L7 | 28 | L6 not L4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/15 10:03 |
| L16 | 2 | "5352405".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/15 11:09 |
| L17 | 5 | "0181031" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/15 11:20 |
| L19 | 8 | 264/497.ccls. and @pd>"20090803" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/15 11:49 |
| S45 | 5446 | 264/112,113,125,40.6.ccls. 425/174.4. ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:25 |
| S46 | 9 | ("4863538" \| "5132143" \| "5155324" \| "5352405" \| "5932059").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:25 |

| S47 | 5446 | 264/112,113,125,40.6.ccls. 425/174.4. ccls. "219"".""121""."61".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:27 |
|-----|------|------|------|------|------|------|
| S48 | 6166 | 264/112,113,125,40.6.ccls. 425/174.4. ccls. 219/121.61.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:27 |
| S49 | 8 | ("20030173713" \| "20040061260" \| "4863538" \| "5393482").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:28 |
| S50 | 15 | S46 S49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:28 |
| S51 | 10 | S50 and ((control$4 or feedback or feedforawrd or feed$back or feed $forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:30 |
| S52 | 10 | S50 and ((control$4 or feedback or feedforward or feed$back or feed $forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:34 |
| S53 | 785841 | layer and ((control$4 or feedback or feedforward or feed$back or feed $forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:34 |
| S54 | 810875 | layer and ((control$4 or feedback or feedforward or feed$back or feed $forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric or electron)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:35 |
| S55 | 33516 | layer and ((control$4 or feedback or feedforward or feed$back or feed $forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric or electron)) and (fuse or fused or fusion) and powder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:35 |

| S56 | 28565 | layer and ((control$4 or feedback or feedforward or feed$back or feed$forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric or electron)) and (fuse or fused or fusion) and powder and temperature and requir$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:36 |
|---|---|---|---|---|---|---|
| S57 | 2182 | ((control$4 or feedback or feedforward or feed$back or feed$forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric or electron)) and ((fuse or fused or fusion) same powder same layer) and temperature and requir$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:36 |
| S58 | 1993 | ((control$4 or feedback or feedforward or feed$back or feed$forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric or electron)) and ((fuse or fused or fusion) same powder same layer) and ((temperature or energy) same (requir$4 or need$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:38 |
| S59 | 1495 | ((control$4 or feedback or feedforward or feed$back or feed$forward or loop or calculat$5) same (energy or output or thermal or conductivity or laser or beam or electric or electron) same (layer or powder)) and ((fuse or fused or fusion) same powder same layer) and ((temperature or energy) same (requir$4 or need$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:41 |
| S60 | 1169 | ((control$4 or feedback or feedforward or feed$back or feed$forward or loop or calculat$5) same (energy or output or laser or beam or electric or electron) same (layer or powder)) and ((fuse or fused or fusion) same powder same layer) and ((temperature or energy) same (requir$4 or need$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:57 |
| S61 | 1168 | ((control$4 or feedforward or feed$forward or loop or calculat$5) same (energy or output or laser or beam or electric or electron) same (layer or powder)) and ((fuse or fused or fusion) same powder same layer) and ((temperature or energy) same (requir$4 or need$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 15:58 |
| S62 | 236 | ((feedforward or feed$forward or loop or calculat$5) same (energy or output or laser or beam or electric or electron) same (layer or powder)) and ((fuse or fused or fusion) same powder same layer) and ((temperature or energy) same (requir$4 or need$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 16:01 |

| S63 | 0 | ((feedforward or feed$forward) same (energy or output or laser or beam or electric or electron) same (layer or powder)) and ((fuse or fused or fusion) same powder same layer) and (temperature or energy) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 16:02 |
|-----|---|---|---|---|---|---|
| S64 | 236 | ((loop or calculat$5) same (energy or output or laser or beam or electric or electron) same (layer or powder)) and ((fuse or fused or fusion) same powder same layer) and ((temperature or energy) same (requir$4 or need$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 16:02 |
| S65 | 297 | ((loop or calculat$5) same (energy or output or laser or beam or electric or electron) same (layer or powder)) and ((fuse or fused or fusion) same powder same layer) and (temperature or energy) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 16:03 |
| S66 | 268 | ((loop or calculat$5) same (energy or output or laser or beam or electric or electron) same (layer or powder)) and ((fuse or fused or fusion) same powder same layer) and (temperature or energy) and (before or prior) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 16:03 |
| S67 | 91 | ((loop or calculat$5) same (energy or output or laser or beam or electric or electron) same (layer or powder) same (before or prior)) and ((fuse or fused or fusion) same powder same layer) and (temperature or energy) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 16:03 |
| S68 | 1 | "10536897" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 16:17 |
| S70 | 4501 | 264/113,125,40.6.ccls. 425/174.4.ccls. 219/121.61.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/11 16:46 |
| S73 | 8 | ("5352405" \| "5387380" \| "5786562" \| "5837960").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/14 17:41 |
| S79 | 5699 | 264/113,40.6.ccls. 425/174.4,375,143,135,162.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/14 17:53 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
|       |      |              |     |                  |         |            |

| L5 | 34 | 264/497,113,40.6.ccls. 425/174.4,375,143,162.ccls. | UPAD | OR | ON | 2009/12/15 10:01 |
|----|-----|---|---|---|---|---|
| L9 | 255 | ((calculat$6 or control$4 or monitor$5 or alter or altering or alteration or chang $4) and (radiation or energy or output or temperature or heat$4) and (fuse or fused or fusing or combin$4 or melt$4 or sinter$4) same powder same (slice or area or shape or layer)).clm. | US-PGPUB; UPAD | OR | ON | 2009/12/15 10:06 |
| L10 | 1426 | ((calculat$6 or control$4 or monitor$5 or alter or altering or alteration or chang $4) and (radiation or energy or output or temperature or heat$4) and (fuse or fused or fusing or combin$4 or melt$4 or sinter$4) same (grain or charge or powder or material or fusable or grit) same (slice or area or shape or layer)). clm. | US-PGPUB; UPAD | OR | ON | 2009/12/15 10:08 |
| L11 | 369 | ((calculat$6 or control$4 or monitor$5 or alter or altering or alteration or chang $4) and (radiation or energy or output or temperature or heat$4) and (fuse or fused or fusing or combin$4 or melt$4 or sinter$4) same (grain or charge or powder or fusable or grit) same (slice or area or shape or layer)).clm. | US-PGPUB; UPAD | OR | ON | 2009/12/15 10:08 |
| L12 | 389 | ((calculat$6 or control$4 or monitor$5 or alter or altering or alteration or chang $4 or loop or equation or feedback or feedforward or feed$back or feed $forward) and (radiation or energy or output or temperature or heat$4) and (fuse or fused or fusing or combin$4 or melt$4 or sinter$4) same (grain or charge or powder or fusable or grit) same (slice or area or shape or layer)). clm. | US-PGPUB; UPAD | OR | ON | 2009/12/15 10:09 |
| L13 | 424 | ((calculat$6 or control$4 or monitor$5 or alter or altering or alteration or chang $4 or loop or equation or feedback or feedforward or feed$back or feed $forward) and (radiation or energy or output or temperature or heat$4 or laser or beam or electron) and (fuse or fused or fusing or combin$4 or melt$4 or sinter$4) same (grain or charge or powder or fusable or grit) same (slice or area or shape or layer)).clm. | US-PGPUB; UPAD | OR | ON | 2009/12/15 10:10 |

**12/15/2009 11:52:16 AM**
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